



Not a Point & Shoot. Not an SLR... It's a PEN.





What will you create?

In 1959, Olympus designed a camera with the photographic optics of an SLR and the size and simplicity of a point-and-shoot-revolutionizing the way we take pictures. After 50 years, the PEN is back. And it's mightier than ever. Introducing the new Olympus PEN. It's totally digital, and offers unique and groundbreaking technology to a whole new generation of camera users-users that have active lifestyles both online and off. They shoot pictures and videos, like to download, upload and share their lives. And the new PEN brings this generation the extraordinary abilities to create even more than what was thought possible. The PEN provides superior optics, interchangeable lenses and multimedia capabilities—and combines the creative freedom of a sophisticated digital SLR with the simple controls and small size of a pointand-shoot. The PEN brings new photographic possibilities to everyone. What will you create?

OLYMPUS PEN Since 1959





THE PEN CONCEPT

People always want more from their digital camera. More power. More creative capabilities. More versatility. They want the amazing picture quality and abilities of a DSLR, but not its larger size. At Olympus, our goal was to develop an interchangeable lens camera as portable as the original PEN and packed with innovative features. And with the development of the Micro Four Thirds System, we've created the world's smallest 12.3-megapixel interchangeable-lens camera.

REVOLUTIONARY SIZE

In DSLRs, the image is viewed directly through the lens, reflected by a reflex mirror through a pentaprism, and seen through the viewfinder. This imaging structure contributes to the DSLR's larger size. To reduce body size and create the PEN, the mirror was eliminated in the Micro Four Thirds System and the lens-mount diameter has been reduced by about 6 mm. Using this technology, the PEN maintains the same image-sensor size as the conventional Four Thirds System. The result? Much smaller, slimmer cameras and more compact lenses, without compromising image quality. Meet the new Olympus PEN.

THE NEW PEN

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Start creating with the new E-P1. DSLR quality, compact portability and multimedia capabilities make it easy to capture it all. With a 12.3-megapixel high-speed Live MOS Sensor,[™] new TruePic[™] V image-processing engine, Dust Reduction System and In-body Image Stabilization, the E-P1 delivers DSLR picture quality and performance. And thanks to Micro Four Thirds technology, you even have the ability to change lenses. The E-P1 comes packed with unique features including six Art Filters, HD Movie mode, Linear PCM audio, in-camera slide show and Multi Aspect Ratio shooting-providing endless creative capabilities. So what will you create?



CREATIVITY

Defying conventional wisdom in terms of size, shape and design, the E-P1 offers unique potential for creative expression. Six Art Filters offer you artistic freedom, and Multi Aspect Ratio shooting widens the boundaries of image expression even more. Multimedia innovations such as HD Movie mode, in-camera slide show and Linear PCM audio give you more creative control. Now, you can capture photos and movies all on one device and upload to Facebook, Flickr, YouTube or Twitter. The 3" Live View LCD lets you shoot from unique camera angles, and allows you to preview settings and effects before you shoot. And thanks to the portability of the Micro Four Thirds System, all these capabilities are right at your fingertips, ensuring endless opportunities to capture it all, exactly the way you envision it.

 The E-P1's variety of multimedia capabilities lets you create even more with a digital camera.

 Image: Digital Photo

 Pipeline

 PCM Audio

 Video













BRING STYLE TO YOUR PHOTOS WITH ART FILTERS

The E-P1 gives you the option to apply Art Filter effects to pictures and movies. Each filter creates a unique look and style.

Pop Art super-saturates colors and creates brighter, more vivid photographs.

Soft Focus creates a dreamlike quality, giving photographs a fantasy feel.

Pale & Light Color brings soft, flat light and pastel coloring to your photos to create a feeling of romance.

Light Tone brightens your entire image, including its darker areas, providing more detail and light.

Grainy Film creates more dramatic shots. It produces a gritty black-and-white film quality, giving your photographs an edgier look.

Pin Hole darkens the outer edges of your photograph, enhancing the subject in the center. This creates the feeling of a new atmosphere and brings the photograph to life.

When shooting with an Art Filter, the E-P1 captures your images in both RAW and JPEG format. The original image is saved as a RAW file and the Art Filter image as a JPEG, preserving both the Art Filter image and the original shot.



CREATE A MULTIPLE EXPOSURE

Take your photography farther. Capture your favorite shots and overlay up to two images to create a multiple exposure

image. You can compose and shoot your next frame while your base shot is on the LCD. This way, you see what your final result will look like even before you take the shot.

MULTI-ASPECT RATIOS

When shooting with the E-P1, choose from four aspect ratios for more artistic freedom. Shoot in 4:3, perfect for an 8×10 , or 16:9, perfect for viewing on your widescreen television. The E-P1 can also shoot in 6:6 and 3:2.

3" LIVE VIEW HYPERCRYSTAL[™] LCD

Capturing and viewing photos is easy with the 3" Hypercrystal LCD screen. Settings like white balance and exposure can be adjusted and seen instantly.

LIVE CONTROL

The Live Control function displays icons on the LCD screen that correspond to all of the camera's functions.

You can select and operate the controls without entering into any menus. Any changes you make are applied to the image in real time, allowing you to compose, edit and shoot pictures without stopping. With the E-P1, you have the option of shooting in Live Control or with the Super Control Panel.

CREATE HD MOVIES

With the E-P1 you can shoot HD-quality movies. Record in standard 4:3 (640 x 480, 30 fps) or the widescreen-compatible 16:9 (1280 x 720, 30 fps) aspect ratio. The image sensor in the E-P1 is much larger than in an HD video camera, and offers higher image quality for your movies. And because the E-P1 has SLR capabilities, it provides other unique features you can't get from an ordinary video camera. You can use different lenses-even shoot your movie with a 17mm. The E-P1 also has in-body Electrical Image Stabilization, so your movies will be crystal clear with any lens. You even have the ability to apply photographic effects, including Art Filters, to all your movies.1 In addition, the still-image-save function makes it possible to save the last frame in the movie as a still image. You can even connect the E-P1 to an HDMI-equipped TV set with the optional HDMI mini-cable and view your HD movies and images with stereo audio.

RECORD IN HIGH-QUALITY STEREO PCM AUDIO

The linear PCM system's non-compressed digital recording delivers superior audio quality. You can easily add audio files to a still image after you shoot.

CREATE SLIDE SHOWS WITH SOUND

Turn your still images and movies into a slide show with music or dub in voices. The E-P1 has five background-music options as well as slide show control functions, fade-in/out of still images, audio dubbing, background music and audio volume adjustment.

MF ASSIST FUNCTION AND MAGNIFICATION DISPLAY

To enable accurate manual focusing, the E-P1 provides MF Assist and Magnification Display. In S-AF + MF or MF, the MF Assist enables you to zoom into the central part of the image by up to 5 times by turning the focus ring. The Magnification Display lets you magnify the image on the LCD up to 7 times at



the touch of a button. And if you use the control dial, you can boost magnification up to 10 times for more precise manual focusing.

IMAGE QUALITY

While the Olympus PEN provides the enhanced mobility of a point-and-shoot, it maintains the high image quality and image sensor inherited from the E-System DSLRs. The E-P1 uses a 12.3-megapixel high-speed Live MOS Sensor[™] and the newly developed TruePic[™] V image processing engine. It also incorporates the same top-rated technologies found on our E-System DSLR cameras including the Dust Reduction System and In-body Image Stabilization. And of course, the quality of all interchangeable ZUIKO DIGITAL[™] lenses.

M. ZUIKO DIGITAL[™] LENSES

Olympus has designed M. ZUIKO DIGITAL lenses exclusively for the Micro Four Thirds System, which optimizes the mount diameter and signal contacts according to the standard. The digital-dedicated design of all Olympus digital lenses delivers light to every corner of the image sensor and ensures edge-to-edge sharpness for both still and moving images.





IMAGE SENSOR AND PROCESSING ENGINE

The E-P1's 12.3-megapixel high-speed Live MOS Sensor[™] and TruePic[™] V image-processing engine are the same as used in all the Olympus E-System DSLRs to capture high-resolution images, exquisite detail and accurate color with low noise.

IN-BODY IMAGE STABILIZATION

In-Body Image Stabilization, built right into the camera body, provides stabilization for every lens you shoot with. With three modes of image stabilization, the E-P1 compensates for camera shake by up to 4 EV steps' in any direction, and with any lens. The image stabilization mechanism also works when the optional mount adapter is used.

DUST REDUCTION SYSTEM

Olympus' proven Dust Reduction System ensures crystalclear, spot-free photos. No more hours spent retouching your pictures on a computer. Just turn on the E-P1 and the exclusive Supersonic Wave Filter[™] vibrates and removes any dust or foreign particles from in front of the image sensor—ensuring spot-free photos and movies.

IMAGER AF

The E-P1 incorporates an 11-point multi-area high-speed imager AF mechanism, for accurate focusing. Just press the shutter halfway. The E-P1 will focus in and you'll see the results instantly in Live View—even before you take the shot.

METERING MODE

This mode divides the image area into an 18 x 18 grid, metering each of the 324 separate cells to obtain optimum exposure. In addition to 324-division ESP metering,

¹The correction effect varies depending on the lens type and shooting conditions. ²The size of the corrected image is limited at 2560 x 1920. The correction effect may not be obtained with certain subjects. center-weighted metering and spot metering modes are also available.

VARIOUS SHOOTING MODES

An easy shooting mode, applied shooting mode and 19 scene select modes are provided for great shots even in difficult conditions. Manual control mode is also available for more experienced users.

iAUTO FOR AUTOMATIC CAMERA SETTING

iAUTO is an automatic mode that determines and sets the optimum scene mode. Set the dial to iAuto, point the E-P1 at your subject, and it automatically chooses from Portrait, Landscape, Macro, Sports, Night Scene and Night Scene & Portrait. The E-P1 will adjust the settings to get you the perfect shot every time.

ePORTRAIT

The ePortrait scene mode adjusts skin tone, creating brighter, smoother texture. With ePortrait set before shooting, the camera saves the image before and after correction.²

ISO 6400

High-sensitivity shooting at ISO 6400 allows brighter, clearer shots in low light-situations, without a tripod.

FACE DETECTION AND SHADOW ADJUSTMENT TECHNOLOGY (SAT)

Face Detection finds and focuses on faces to make sure they're clear. SAT adjusts the contrast in your photo, making dark areas and shadows more visible.

IN-CAMERA EDITING

With the E-P1, you can edit your photos after you take them, right in the camera, for on-the-go creativity. Art Filters and the ePortrait feature can be applied to your shots in the editing mode. And with PCM recording, you can dub in your own audio to images and movies.





STYLISH DESIGN

Attention to detail is visible in every aspect of the E-P1's retro design. Its high-end stainless-steel body is easy to handle and carry. And it's available in two colorssilver or white.

ACCESSORIES

Get more out of the E-P1 with exclusive accessories designed to make it easy to take incredible pictures. Accessories include a high-performance compact strobe, a variety of ZUIKO DIGITAL[™] lenses to help you shoot high-quality pictures, a Four Thirds adapter so you can take advantage of existing Four Thirds ZUIKO DIGITAL lenses, and a variety of protective filters, stylish cases and bags. There's also image-management and editing software to help you edit and organize your pictures and edit movies.

ELECTRONIC FLASH

Electronic Flash FL-14. The FL-14 is an easy-to-operate external flash with a design that matches the E-P1. With an equivalent GN (Guide Number) of 14, you can accomplish flash shooting with stable light and optimum brightness.

OPTICAL VIEWFINDER

Optical Viewfinder for use with the 17mm pancake lens VF-1. This externally attached optical viewfinder supports shooting with the pancake lens. It uses a bright 17mm frame to enable comfortable picture composition.



M. ZUIKO DIGITAL[™] LENSES

M. ZUIKO DIGITAL ED 14-42mm f3.5-5.6 (28-84mm in 35mm camera equivalent). The standard 3X zoom comes in an extremely compact size with an overall length of just 43.5mm. Covering wide-angle to a moderate telephoto, this lens is suitable for a variety of applications, including day-to-day shooting and traveling. With a digital-dedicated design as well as multi-coated lens components, this Micro Four Thirds lens boasts very high imaging performance.

M. ZUIKO DIGITAL 17mm f2.8 (34mm in 35mm camera equivalent). This wide-angle pancake lens has a convenient focal length (equivalent to 34mm on a 35mm camera) for shooting everything from landscapes and portraits to close-ups. A slim design, with an overall length of just 22.5mm, ensures the camera remains compact and easy to carry even when the lens is mounted. With its digital-dedicated design and superior performance, this lens maximizes the camera's performance for clear, high-quality imaging.



BAGS AND CASES

Custom bags and cases allow you to personalize the E-P1 and carry it with ease.





MOUNT ADAPTERS

Four Thirds Mount Adapter. This lens adapter makes it possible to mount any existing Four Thirds lens on the E-P1. AF shooting using Live View is possible with lenses featuring contrast AF compatibility. When a contrast AF-

incompatible lens is used, the AF assist function engages.

OM Adapter. This lens adapter makes it possible to mount an OM system lens-a compact system lens used with our traditional SLR film cameras.¹

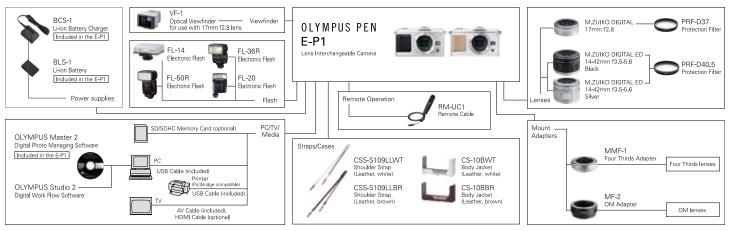


E-P1 NUMBER OF RECORDABLE PICTURES (IN MAIN RECORD MODES)

Record mode Record type Compression type		Image size (pixels)	Compression rate	File format	File size (MB, approx.)	Recordable still images (with 1 GB SD/SDHC Card, appro
RAW		(jew.ce/e/	(Lossless)	ORF	14	54
Large	Super Fine	4032×3024	1/2.7	JPEG	8.4	101
	Fine		1/4		5.9	145
	Normal		1/8		2.7	320
	Basic		1/12		1.8	477
Middle	Super Fine	2560×1920	1/2.7		3.2	269
	Fine		1/4		2.2	395
	Normal		1/8		1.1	776
	Basic		1/12		0.8	1143
Small	Super Fine	640×480	1/2.7		0.3	3563
	Fine		1/4		0.2	5048
	Normal		1/8		0.2	8654
	Basic		1/12		0.1	10096

the table are typical values with an aspect ratio of 4:3. File sizes and the number of recordable pictures/movies vary depending on the settings and ects. * Default setting is LN (Large/Normal) mod

SYSTEM CHART



¹Restrictions may apply to some OM system lenses. Production of OM system lenses has been discontinued ²Requires an Internet connection

³The trial edition can be used for 30 days after installation. After the trial period has expired, a license key is required for further use. Requires an Internet connection

SOFTWARE

OLYMPUS Master[™] 2 Software (included)

Use the included Olympus Master 2 software (MAC and PC) to easily download images from the camera or other external devices, such as a USB drive, and automatically organize them into albums and groups and by date. Develop high-quality RAW images, apply Art Filter effects, edit and print images. Update camera and lens firmware through the software and download additional menu languages.² A direct link makes uploading your images and videos to YouTube[™] easier than ever.

OLYMPUS Studio[™] 2 Software (trial edition included)³

Extend the capability of Olympus Master 2 software with Olympus Studio 2. In addition to the functions of Olympus Master 2, this software includes a lightbox mode and selection marks for comparing and sorting multiple images. RAW processing is enhanced with additional controls for finer adjustments.

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Olympus E-P1 Stock numbers: E-P1 Silver Body: 262814

E-P1 Silver Body with Black 14-42mm Lens: 262811

E-P1 Silver Body with Silver 14-42mm Lens: 262818

- E-P1 Silver Body with 17mm Lens and OVF: 262817
- E-P1 White Body with Silver 14-42mm Lens: 262812





Product Type	Product type	Interchangeable Lens Type Live View Digital Camera	Colour Mode	Colour space	sRGB, Adobe RGB
	Memory	SD Memory Card (SDHC compatible) Class 6 is recommended for Movie shooting	Picture Mode	Mode	Vivid, Natural, Portrait, Muted, Monotone
		· · · · · · · · · · · · · · · · · · ·	FICILITE MIDUE		
Effective Pixels numbe Image Pickup Unit	Screen size	17.3 mm (H) x 13.0 mm (V)		Adjustment parameter	Contrast, Sharpness and Saturation level available in 5 steps for Vivid, Natural, Portrait and Muted Contrast and Sharpness level available in 5 steps for Monotone.
	Lens mount	Micro Four Thirds Mount			
	ber	12.3 million pixels		Filter effect	Yellow, Orange, Red or Green filter available for Monotone
	Product type	High speed Live MOS Sensor		Picture tone	Sepia, Blue, Purple or Green tone available for Monotone
	Total no. of pixels	Approx. 13.1 million pixels		Gradation	4 levels (Auto, High key, Normal, Low key)
	Aspect ratio	1.33 (4:3)	Shutter	Product type	Computerized focal-plane shutter
				Shutter speed	60 - 1/4000 sec.
	Filter array	Primary color filter (RGB)			Bulb: up to 30 min. (selectable longest time in the menu. Default: 8 min) 1/3. 1/2. or 1EV steps select:
	LPF	Fixed type		Self-timer	Operation time: 12 sec., 2 sec. (cancel available)
	IR cut filter	Hybrid type			
	Dust reduction	Supersonic Wave Filter (dust reduction system for image sensor)		Remote cable release	Available (with optional RM-UC1 Remote cable.)
Recording (Still)	Recording format	DCF, DPOF compatible/Exif, PRINT Image Matching III		Wireless remote control	Not Available
	File format	RAW (12-bit lossless compression), JPEG, RAW+JPEG	Drive	Drive mode	Single-frame shooting, Sequential shooting, Self-timer
	Recording image size	[RAW] 4032 x 3024 pixels	Sequential shooting	Speed	Approx. 3 frames/sec. in sequential shooting
	necorulity illiage size	[JPEG] 4032 x 3024 pixels - 640 x 480 pixels		Max. recordable pictures	RAW mode: Max. 14 frames. JPEG mode: Depends on compression ratio and no. of pixels
				on sequential shooting	(Large normal mode: approx. 280 with Toshiba Super High Speed type "Class 6" 4GB)
	File Size	RAW: 4032(H)x3042(V) (approx. 1/1.5 lossless compressed) Approx. 13.9MB	Flash	Built-in flash	Not available
		Set 1 (LF): 4032(H)x3042(V) (1/4 compressed) Approx. 5.7MB		Compatible external flash	E-system Flash (FL-50R, FL-36R, FL-50, FL-36, FL-20, FL-14)
		Set 2 (LN): 4032(H)x3042(V) (1/8 compressed) Approx. 2.7MB		External Flash control mode	TTL Auto, Auto, Manual, FP-TTL-AUTO, FP-MANUAL
		Set 3 (MN): 2560(H)x1920(V) (1/8 compressed) Approx. 1.1MB			
		Set 4 (SN): 1024(H)x768(V) (1/8 compressed) Approx. 0.3MB		Flash mode of External Flash	Auto, Red-eye reduction, Red-eye reduction slow sync., Slow sync at 1st curtain, Slow sync at 2nd cu Fill-in, Manual (1/4, 1/16, 1/64), Off."
Recording(Movie)	Recording format	AVI Motion JPEG (30fps)		Punchasaization arread	
	Movie Mode			Synchronization speed	1/30-1/180
		HD: 1280(H)x720(V) Aspect 16:9 SD: 640(H)x480(V) Aspect 4:3(VGA)		Flash intensity control	Up to ±3 EV in 0.3, 0.5, 1 EV steps
	Compression Ratio	1/12	Art Filter	Mode	Pop Art, Soft Focus, Pale&Light Color, Light Tone, Grainy Film, Pin Hole
	File Size	Max 2GB (limited by AVI format)	Multi Exposure	Number of picture	2 frames
	Maximum Recording Time	TBD	·	Functions	Auto gain, Live View, Exposing on Recorded picture
Recording (Sound)	Recording format	Wave Format Base, Stereo PCM/16bit, 44.1kHz	Multi Aspect	Aspect Ratio	4:3 (Default), 3:2, 16:9, 6:6
-g (= 5ana)	Maximum Recording Time	Picture with Sound: 30sec Movie: depend on Movie Recording Time	Multi Aspect		
				Process	RAW: Aspect ratio is recorded as Exif data, JPEG: JPEG image is produced based on the aspect ratio
ive View	Туре	Image Sensor(High Speed Live MOS) type	Level Gauge	Detection	2-axis
	Field of view	100%		Display	Rear LCD monitor
	Display Mode	Normal Mode	Color Universal design	1	Only White version is approved by Color Universal Design Organization
		Grid Line Mode	Super control panel	Information (shooting)	Battery information. Shooting mode. Shutter speed. Aperture value. Exposure compensation value.
		Histogram Mode(3 types)	Super conditi paner	mormation (shooting)	ISO sensitivity,
		Magnified View Mode			Exposure compensation indicator, Exposure indicator, Flash intensity compensation indicator, Date,
					Auto BKT setting,
		Comparable View Mode			NR setting, WB, WB compensation value, Record mode, Flash Status, Record mode, Image size,
		OFF Mode (for OVF user)			· · · · · · · · · · · · · · · · · · ·
	Magnification Ratio	x7, x10			Drive mode, Flash intensity compensation value, Metering mode, Recordable still image number, Focusing mode,
	View finder information	Aperture value, Shutter speed, Auto Bracket, AE Lock, AF mode, IS, Shooting Mode, Battery Check,			
		My Mode, Internal Temperature Warning, Face Detection, Histogram, Number of storable still pictures,			AF frame, Colour space, Sharpness, Contrast, Saturation, Internal Temperature Warning
		Record mode, ISO, Sequential shooting, Self-timer, White Balance, Metering Mode, AF confirmation mark,			Gradation, IS activating mode, Face detection, My Mode, Multi Exposure, Aspect Ratio, Super FP
		Exposure Compensation Value, Spot metering Area only when E-system Flash attached : Flash Mode,	Playback	Playback mode	Single-frame
		Flash Status, Flash intensity Control, Super FP			Information Display
	Display of Face Detection	Max 8 frames of face detection can be displayed			Index Display(4/9/16/25/49/100 frames, Calendar)
	AF	High speed imager AF			Close-up (2 - 14X)
mage stabilizer	System	Built in (Imager shift image stabilizer)			Movie (w/sound, FF/REW/Pause)
	Mode	3 modes (2 dimensional activation, 1 dimensional activation in landscape frame to vertical direction moving,			
		1 dimensional activation in portrait frame to horizontal direction moving), OFF			Picture rotation (auto mode available),
	Manual Function	Input focal length 8, 10, 12, 16, 18, 24, 28, 30, 35, 40, 48, 50, 55, 65, 70, 75, 80, 85, 90, 100, 105, 120, 135,			Slideshow(Still/Movie/Still+Movie, Slide show w/BGM/BGM+Sound/Sound)
		150, 180, 200, 210, 250, 300, 350, 400, 500, 600, 800, 1000		Information display	Histogram (independent luminance / RGB available),
					Highlight / Shadow point warning, AF frame, Shooting information
	Effective compensation range	Approx. 4EV steps (in maximum effect with 50mm lens)			Japan: Japanese, English (Additional one language is possible to download.)
		Approx. 4EV steps (in maximum effect with 50mm lens)	Monu		
	Shutter speed range	2 - 1/4000 sec. (Not available when Bulb is selected)	Menu	Languages	Others: English, French, German, Spanish, Italian, Japanese, Korean, Traditional Chinese, Simplified
	Shutter speed range IS for Movie	2 · 1/4000 sec. (Not available when Bulb is selected) Shifting electronic image (so called Digital IS)	Menu	Languages	Others: English, French, German, Spanish, Italian, Japanese, Korean, Traditional Chinese, Simplified Chinese, Russian, Czech, Dutch, Danish, Polish, Portuguese, Swedish, Norwegian, Finnish, Croat,
Monitor	Shutter speed range	2 - 1/4000 sec. (Not available when Bulb is selected)	Menu	Languages	Others: English, French, German, Spanish, Italian, Japanese, Korean, Traditional Chinese, Simplified Chinese, Russian, Czech, Dutch, Danish, Polish, Portuguese, Swedish, Norwegian, Finnish, Croat, Slovenian, Hungarian, Greek, Slovakian, Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Serbian,
Monitor	Shutter speed range IS for Movie	2 · 1/4000 sec. (Not available when Bulb is selected) Shifting electronic image (so called Digital IS)	Menu	Languages	Others: English, French, German, Spanish, Italian, Japanese, Korean, Traditional Chinese, Simplified Chinese, Russian, Czech, Dutch, Danish, Polish, Portuguese, Swedish, Norwegian, Finnish, Croat,
Monitor	Shutter speed range IS for Movie Product type	2 - 1/4000 sec. (Not available when Bub is selected) Shifting electronic image (so called Digital IS) HyperCrystal LCD ARIAnti-Reflective) coating	Menu Reset & custom setting		Others: English, French, German, Spanish, Italian, Japanese, Korean, Traditional Chinese, Simplified Chinese, Russian, Czech, Dutch, Danish, Polish, Portuguese, Swedish, Norwegian, Finnish, Croat, Slovenian, Hungarian, Greek, Slovakian, Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Serbian,
Monitor	Shutter speed range IS for Movie Product type Size Total no. of pixels	2 - 1/4000 sec. (Not available when Bub is selected) Shifting electronic image (so called Digital IS) HyperCrystal LCD AR(Anti-Reflective) coating 3.0 inches			Others: English, French, German, Spanish, Italian, Japanese, Kronan, Traditional Chinese, Simplified Chinese, Russian, Czech, Dutch, Danish, Polish, Portuguese, Swedish, Norwegian, Finnish, Croat, Slovenian, Hungarian, Greek, Slovakian, Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Serbian, Bulgarian, Rumanian, Indonesian, Malay, Thai"
Monitor	Shutter speed range IS for Movie Product type Size Total no. of pixels Playback field of view	2 - 1/4000 sec. (Ner available when Bulb is selected) Shifting electronic image (so called Digital IS) HyperCrystal LCD ARIAnti-Reflective) coating 3.0 inches Approx. 230,000 dots 100%	Reset & custom setting	My mode Erasing function	Others: English, French, German, Spanish, Italian, Japanese, Korean, Traditional Chineses, Simplified Chinese, Russian, Carch, Dutch, Danish, Polish, Potriyanese, Swedish, Norwegan, Finnish, Croat, Slovenian, Hungarian, Greek, Slovakkan, Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Serbian, Bulgarian, Rumanian, Indonesian, Malay, Thai' 2 setting recordable Single frame, All, Selected frames/from Index/
Monitor	Shutter speed range IS for Movie Product type Size Total no. of pixels Playback field of view Brightness control	2 - 1/4000 sec. (Net available when Bub is selected) Shifting electronic image (so called Digital IS) HypeCrystal LDD ARIAnti-Reflective) coating 3.0 inches Approx. 230,000 dots 100% 47 levels and -7 levels	Reset & custom setting	My mode Erasing function Protect function	Others: English. French, German, Spanish, Italian, Japanese, Korean, Traditional Chinese, Simplified Chinese, Russian, Caech, Dutch, Danish, Polish, Potrujoues, Swedish, Noreqan, Finnish, Kotat, Slovenian, Hungarian, Greek, Slovakian, Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Serbian, Bulgarian, Rumanian, Indonesian, Malay, Thai' 2 setting recordable Single frame, All, Selected frames(from Index) Single frame, Selected frames, All Frames, Release protect (Single/All selected)
	Shutter speed range IS for Movie Product type Size Total no. d pixels Playback field d view Brightness control Colour balance	2 - 1/4000 sec. (Net available when Bulb is selected) Shifting electronic image (so called Digital IS) HyperCrystal LCD AR/anti-Reflective) coating 30 inches Approx. 230,000 dots 100% // levels and -/ levels A-B: -/ levels and -/ levels and -/ levels	Reset & custom setting	My mode Erasing function Protect function RAW picture editing	Others: English, French, German, Spanish, Talian, Japanese, Korean, Traditional Chinese, Simplified Chinese, Russian, Czech, Dutch, Danish, Polish, Portuguese, Swedish, Norwegan, Finnish, Croat, Stownian, Humgarian, Greek, Slowakian, Turkish, Latwian, Estonian, Lithuanian, Ukrainian, Serbian, Bulgarian, Rumanian, Indonesian, Malay, Thai' 2 setting recordable Single frame, All Selected frames(from Index) Single frame, Selected frames, All Frames, Release protect (Single/All selected) RAW development based on settings of the camera(including Art Filter)
	Shutter speed range IS for Movie Product type Size Total no. of pixels Playback field of view Brightness control	2 - 1,4000 sec. (Nor available when Bulb is selected) Shifting electronic image (so called Digital IS) HyperCrystal LCD AR/Arti-Reflective) coating 30 inches Approx. 230.000 dots 100% 47 levels and -7 levels ArB: 47 levels and -7 levels ArB: 47 levels and -7 levels ArB: 47 levels and -7 levels	Reset & custom setting	My mode Erasing function Protect function	Others: English, French, German, Spanish, Talian, Japanese, Korean, Traditional Chinese, Simglide Chinese, Russian, Caxch, Dutch, Danish, Polish, Pottyaues, Swedish, Noveqian, Finnish, Croat, Slovenian, Hungarian, Greek, Slovakkan, Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Serbian, Bulgarian, Rumanian, Indonesian, Malay, Thai' 2 setting recordable Single frame, Selected frames, All Frames, Release protect (Single/All selected) RAW development based on settings of the camera/including Art Filter) Shadav adjustment, Red-ey Kn, Timming, Montotone, Sepia, Saturation (colour depth),
	Shutter speed range IS for Movie Product type Size Total no. of pixels Playback field of view Brightness control Colour balance AF system	2 - 1/4000 sec. (Ner available when Bulb is selected) Shifting electronic image (so called Digital IS) HyperCrystal LCD ARIAnt-Reflective) coating 3.0 inches 4.0 perpox. 230,000 dots 100% 4.7 levels and -7 levels A-8: x7 levels and -7 levels A-8: x7 levels and -7 levels 4.7 levels 4.7 levels and -7 levels 4.7 levels 4.7 levels and -7 levels 4.7	Reset & custom setting Image Editing	My mode Erasing function Protect function RAW picture editing	Others: English, French, German, Spanish, Talian, Japanese, Korean, Traditional Chinese, Simyliah Chinese, Russian, Carch, Durch, Danish, Polish, Potriyanese, Swedist, Novegian, Finnish, Koraet, Slovenian, Hungarian, Greek, Slovakian, Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Serbian, Bulgarian, Rumanian, Indonesian, Malay, Thai' 2 setting recordable Single frame, All, Selected frames/from Index/ Single frame, Selected frames, All Frames, Release protect (Single/All selected) RAW development based on settings of the camera/including Art Filter/ Shadow adjustment, Rel-eye fix, Trimming, Monotone, Sepia, Saturation (colour depth), Resize (producing another file, 1280/e80, 640449, 2020;40), e-portrait
	Shutter speed range IS for Movie Product type Size Total no. d pixels Playback field of view Brightness control Colour balance AF system Focus mode	2 - 1/4000 sec. (Net available when Bulb is selected) Shrifting electronic image (so called Digital IS) HyperCrystal LCD ARIAnti-Reflective) coating 30 inches Approx. 230,000 dots 100% Approx. 230,000 dots 100% APprox. 240,000	Reset & custom setting Image Editing Image Overlay	My mode Erasing function Protect function RAW picture editing JPEG editing	Others: English, French, German, Spanish, Talian, Japanese, Korean, Traditional Chinese, Simplich Chinese, Russian, Caech, Dutch, Danish, Polish, Potriyanges, Swedist, Norwegian, Finnish, Kortat, Slovenian, Hungarian, Greek, Slovakian, Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Serbian, Bulgarian, Rumanian, Indonesian, Malay, That' 2 setting recordable Single frame, All, Selected frames/from Index/ Single frame, All Selected frames, All Frames, Release protect (Single/All selected) RAW development based on settings of the camera/including Art Filter/ Shadow adjustment, Rel-eye fix, Trimming, Monotone, Sepia, Saturation (colour depth), Resize (producing another file, 1280:d960, 640:480, 320:c240), e-portrait Up to 3 RAW images
	Shutter speed range IS for Movie Product type Size Total no. of pixels Playback field of view Brightness control Colour balance AF system	2 - 1/4000 sec. (Ner available when Bulb is selected) Shifting electronic image (so called Digital IS) HyperCrystal LCD ARIAnt-Reflective) coating 3.0 inches 4.0 perpox. 230,000 dots 100% 4.7 levels and -7 levels A-8: x7 levels and -7 levels A-8: x7 levels and -7 levels 4.8 when non High-speed imager AF compatible lens is used, it works as AF-assist	Reset & custom setting Image Editing	My mode Erasing function Protect function RAW picture editing	Others: English, French, German, Spanish, Talian, Japanese, Korean, Traditional Chinese, Simglifed Chinese, Russian, Caech, Dutch, Danish, Polish, Pottyauese, Swedish, Norwegian, Finnish, Croat, Slovenian, Hungarian, Greek, Slovakian, Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Serbian, Bulgarian, Rumanian, Indonesian, Malay, Thai" 2 setting recordable Single frame, All Selected frames/from Index) Single frame, Selected frames, All Frames, Release protect (Single/All selected) RAW development based on settings of the camera/encluding Art Filter) Shadow adjustment, Red-eye fis, Trimming, Monotone, Sepia, Saturation (colour depth), Resize (producing another file, 1280-2680, F404480, 320-240), e-portrait U to 13 AW images Print reservation (DPOF), Direct print (PicBidgle compatible)
	Shutter speed range IS for Movie Product type Size Total no. d pixels Playback field of view Brightness control Colour balance AF system Focus mode	2 - 1/4000 sec. (Nor available when Bulb is selected) Shifting electronic image (so called Digital IS) HyperCrystal LCD ARIAnti-Reflective) coating 3 0 inches 3 0 inches 4 Approx. 230,000 dots 100% 100% 100% 100% 100% 100% 100% 100	Reset & custom setting Image Editing Image Overlay	My mode Erasing function Protect function RAW picture editing JPEG editing	Others: English. French, German, Spanish, Talian, Japanese, Korean, Traditional Chinese, Simplified Otherses, Russin, Carch, Dutch, Danish, Polish, Potriyoues, Swedish, Norwegan, Finnish, Korat, Slovenian, Hungarian, Greek, Slovakian, Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Serbian, Bulgarian, Rumanian, Indonesian, Malay, Thai' 2 setting recordable Single frame, All, Selected frames(from Index) Single frame, All, Selected frames(from Index) Single frame, All, Selected frames, Release protect (Single/All selected) RAW development based on settings of the camera(including Art Filter) Shadow adjustment, Red-eye fix, Trimming, Monotone, Sepia, Saturation (colour depth), Resize (producing another file, 1280x960, 640x480, 320x240), e-portrait Up to 3 RAW images
	Shutter speed range IS for Movie Product type Size Total no. of pixels Playback field of view Brightness control Colour balance AF system Focus mode Focus mode Focusing point	2 - 1/4000 sec. (Net available when Bulb is selected) Shifting electronic image (so called Digital IS) HyperCrystal LCD AR/Anti-Reflective) coating 30 inches Approx. 230,000 dots 100% 47 levels and -7 levels 48 - 7 levels and -7 levels 1048	Reset & custom setting Image Editing Image Overlay Print	My mode Erasing function Protect function BAW picture editing JPEG editing Print function	Others: English, French, German, Spanish, Talian, Japanese, Korean, Traditional Chinese, Simglifed Chinese, Russian, Caech, Dutch, Danish, Polish, Pottyauese, Swedish, Norwegian, Finnish, Croat, Slovenian, Hungarian, Greek, Slovakian, Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Serbian, Bulgarian, Rumanian, Indonesian, Malay, Thai" 2 setting recordable Single frame, All Selected frames/from Index) Single frame, Selected frames, All Frames, Release protect (Single/All selected) RAW development based on settings of the camera/encluding Art Filter) Shadow adjustment, Red-eye fis, Trimming, Monotone, Sepia, Saturation (colour depth), Resize (producing another file, 1280-2680, F404480, 320-240), e-portrait U to 13 AW images Print reservation (DPOF), Direct print (PicBidgle compatible)
Monitor Focusing	Shutter speed range IS for Movie Product type Size Total no. of pixels Playback field of view Brightness control Colour balance AF system Focus mode Focus mode Focus ing point	2 - 1/4000 sec. (Nor available when Bulb is selected) Shifting electronic image (so called Digital IS) HyperCrystal LCD ARIAnti-Reflective) coating 3 0 inches 3 0 inches 4 Approx. 230,000 dots 100% 100% 100% 100% 100% 100% 100% 100	Reset & custom setting Image Editing Image Overlay Print	My mode Erasing function Protect function RAW picture editing JPEG editing Print function PC interface	Others: English, French, German, Spanish, Talian, Japanese, Korean, Traditional Chinese, Simglifed Chinese, Russian, Carch, Dutch, Danish, Polish, Potriyanes, Swedish, Norwegian, Finnish, Koraet, Slovenian, Hungarian, Greek, Slovekian, Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Serbian, Bulgarian, Rumanian, Indonesian, Malay, Thai' 2 setting recordable Single frame, Selected frames/from Index/ Single frame, Selected frames, All Frames, Release protect (Single/All selected) RAW development based on settings of the camera/including Art Filter! Shadow adjustment, Red-eye Ki, Timoning, Montones, Sepia, Saturation (colour depth), Resize (producing another file, 1280x960, 640x480, 320x240), e-portrait Up to 3 RAW images Print reservation (DPOF), Direct print (PicBhidge compatible) UBS 2.0 Hinfy Seed for storage and camera control through Multi-connector(MTP mode is available) HDMI(HD/Stereo Sound), VIDEO-UUT(SD/Mono Sound)
	Shutter speed range IS for Movie Product type Size Total no. of pixels Playback field of view Brightness control Colour balance AF system Focus mode Focus mode Focusing point	2 - 1/4000 sec. (Not available when Bub is selected) Shrifting electronic image (so called Digital IS) HyperCrystal LCD ARIAni: Reflective) coating 30 index Approx. 230,000 dots 100% Approx. 230,000 dots 100% APprox. 230,000 dots 100% APprox. 240,000 d	Reset & custom setting Image Editing Image Overlay Print	My mode Erasing function Protect function RAW picture editing JPEG editing Print function PC interface USB/Video connector	Others: English, French, German, Spanish, Tellan, Japanese, Korean, Traditional Chinese, Simplified Chinese, Russian, Caech, Dutch, Danish, Polish, Pottyaues, Swedish, Norwegian, Finnish, Croat, Slovenian, Hungarian, Greek, Slovakian, Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Serbian, Bulgarian, Rumaniai, Indonesian, Malay, Thai" 2 setting recordable Single frame, All, Selected frames,from. Index) Single frame, Selected frames, All Frames, Release protect (Single/All selected) RMW development based on settings of the camera[cincluding Art Filter] Shadow adjustment, Red eye fits, Tirmming, Monotone, Seria, Statustion (colour depth), Resize (producing another file, 1280x960, 640x480, 320x240), e-portrait Up to 3 RAW images Print reservation (DPOF), Direct print (PictBridge compatible) USB 20. High Speed firs transge and camera control through Multi-connector(MTP mode is available) HOMIHi/O/Strees Sound). VDE-O/USI/SMAN Sound)
	Shutter speed range IS for Movie Product type Size Total no. of pixels Playback field of view Brighness control Colour balance AF system Focus mode Focus mode Focus mg point Focusing point Focusing point AF illuminator	2 - 1,4000 sec. (Nor available when Bub is selected) Shifting electronic image (so called Digital IS) HyperCrystal LCD AR/Arti-Reflective) coating 30 inches Approx. 230,000 dots 100% 47 levels and -7 levels. 48 - s7 levels and -7 levels. 48 - s7 levels and -7 levels. 48 - s7 levels and -7 levels. 49 - s7 levels and -7 levels. 40 - s7 levels and -7 levels. 40 - s7 levels and -7 levels. 41 - s7 levels and -7 levels. 42 - s7 levels and -7 levels. 43 - s7 levels and -7 levels. 44 - s7 levels and -7 levels. 45 - s7 levels and -7 levels. 45 - s7 levels and -7 levels. 45 - s7 levels and -7 levels. 46 - s7 levels. 46 - s7 levels. 47 - s7 levels. 47 - s7 levels. 46 - s7 levels. 47 - s7 levels. 47 - s7 levels. 46 - s7 levels. 47 - s7 levels. 47 - s7 levels. 46 - s7 levels. 47 - s7 levels. 47 - s7 levels. 47 - s7 levels. 48 - s7 le	Reset & custom setting Image Editing Image Overlay Print	My mode Erasing function Protect function RAW picture editing JPEG editing Print function PC interface TV interface USB/Video connector HDMI	Others: English, French, German, Spanish, Italian, Japanese, Korean, Traditional Chinese, Simglified Chinese, Rusian, Cach, Dutch, Danish, Polish, Polisupeese, Swedish, Nonegain, Finnish, Croat, Slovenian, Hungarian, Greek, Slovakkan, Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Serbian, Bulgarian, Rumanian, Indonesian, Malay, Thai" Satting recordable Single frame, All, Selected frames, file frames, Release protect (Single/All selected) RAW development based on settings of the camera/including Art Filteri RAW development based on settings of the camera/including Art Filteri Shadow adjustment, Red-eye fix, Trimming, Monotone, Sepia, Saturation (colour depth), Resize (producing another file, 1280-666, 640-460, 320-240), e-portrait Up to 3 RAW timages Print reservation (DPOF), Direct print (PictBridge compatible) USS 20, High Speed for storage and camera control through Multi-connectort(MTP mode is available) HDMI(HV).Stereo SoundJ, VIDEO-UTIS/DAMono Sound) Dedicated multi-comerctor (Video: NTSO/PAA selectable, Optional Remote cable RM-UC1 is available) Mini HDMI type-Q10800/720p/576p/480p)
	Shutter speed range IS for Movie Product type Size Total no. of pixels Total ho. of pixels Playback field of view Brightness control Colour balance AF system Focus mode Focusing point selection AF illuminator AF lock Focus racking	2 - 1/4000 sec. (Net available when Bub is selected) Shifting electronic image (so called Digital IS) HyperCrystal LCD ARIAnti-Reflective) coating 30 inches Approx. 230,000 dots 100% Approx. 230,000 dots 100% APprox. 230,000 dots 100% APprox. 230,000 dots 100% APprox. 240,000 Approx. 2	Reset & custom setting Image Editing Image Overlay Print	My mode Erasing function Protect function RAW picture editing JPEG editing Print function PC interface USB/Video connector HDBMI Flash attachment	Others: English, French, German, Spanish, Italian, Japanese, Korean, Traditional Chinese, Simglified Chinese, Russian, Carch, Dutch, Danish, Polish, Poliyanese, Swedish, Norwegian, Finnish, Croat, Slovenian, Hungarian, Greek, Slonakkan, Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Serbian, Bulgarian, Rumanian, Indonesian, Malay, Thai" 2 setting recordable Single frame, Selected frames[from Index] Single frame, Selected frames, All Frames, Release protect (Single/All selected) RAW development based on settings of the camera(including Art Filter) Shadow adjustmen, Red-eye Kr, Triinming, Monotone, Sepia, Saturation (colour depth), Resize (producing another file, 1280/360, 640x480, 320/240), e-portrait Up to 3 RAW images Print reservation (DPOP), Direct print (PictBridge compatible) USB 2.0 High Speed for storage and camera control through Multi-connector(MTP mode is available) HOMI(HyCStereo Sound), UNEO-OUT(SD/Mons Sound) Dedicated multi-connector (Video: NTSC/PAL selectable, Optional Remote cable RM-UC1 is available Min HDMI type-C(1080/720p/756)/48(p)
Focusing	Shutter speed range IS for Movie Product type Size Total no. of pixels Playback field of view Brightness control Colour balance AF system Focus mode Focus mode Focusing point Focusing point Focus mode Focus mode Focusing point Focus racking Manual Focus Assist	2 - 1,4000 sec. (Not available when Bub is selected) Shrifting electronic image (so called Digital IS) HyperCrystal LCD AR(Ani: Reflective) coating 3 of inches Approx. 230,000 dots 100% 4 prox. 230,000 dots 100% 7 levels and -7 levels. 42 - v1 evels and -7 levels. 42 - v1 evels and -7 levels. 43 - v1 evels and -7 levels. 44 - v1 evels and -7 levels. 45 - v1 evels and -7 levels. 45 - v1 evels and -7 levels. 46 - v1 evels and -7 levels. 47 - v1 evels. 47 - v1 evels and -7 levels. 47 - v1 evels. 47 - v1	Reset & custom setting Image Editing Image Overlay Print Input/Output	My mode Erasing function Protect function RAW picture editing JPEG editing Print function PC interface USB/Video connector HDMI Flash attachment DC-in	Others: English, French, German, Spanish, Tellan, Japanese, Korean, Traditional Chinese, Simglifed Chinese, Russian, Caech, Dutch, Danish, Polish, Portugues, Swedish, Norvegian, Finnish, Croat, Slovenian, Hungarian, Greek, Slovakian, Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Serbian, Bulgarian, Rumanian, Indonesian, Malay, Thai" 2 setting recordable Single frame, Silected frames, from Index) Single frame, Silected frames, All Frames, Release protect (Single/All selected) RAW development based on settings of the camera(including Art Filter) Shadow adjustment, Red-eye fix, Timming, Monotone, Sepia, Saturation (colour depth), Resize (producing another file, 1280x980, 640x480, 320x240), e-portrait Up to 3 RAW images Print reservation (DPOF), Direct print (PictBridge compatible) USB 2.0 High Speed for storage and camera control through Multi-connector(MTP mode is available) HOMHIP/Strees Sound). VIDE-OUTISD/Monro Sound) Devicated multi-connector (Video: NTSC/PAL selectable, Optional Remote cable RM-UCI is available) Mini HOMI type-C(1080/720p/S7Bp/480p) Hot shoe
Focusing	Shutter speed range IS for Movie Product type Size Total no. of pixels Playback field of view Brighness control Colour balance AF system Focus mode Focusing point Focusing point Focus mode Focusing point Brightminator AF lock Focus facking Manual Focus Assist Metering system	2 - 1/4000 sec. (Nor available when Bub is selected) Shifting electronic image (so called Digital IS) HyperCrystal LCD AR/Anti-Reflective) coating 30 inches Approx. 230.000 dots 100% 47 levels and -7 levels 48 - 7 levels and -7 levels 10% 10% 10% 10% 10% 10% 10% 10% 10% 10%	Reset & custom setting Image Editing Image Overlay Print	My mode Erasing function Protect function RAW picture editing JPEG editing Print function PC interface USB/Video connector HDBMI Flash attachment	Others: English, French, German, Spanish, Talian, Japanese, Korean, Traditional Chinese, Simplified Chinese, Russian, Carch, Dutch, Danish, Polish, Poliyanese, Swedish, Norwegan, Finnish, Croat, Slovenian, Hungarian, Greek, Slovakkan, Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Serbian, Bulgarian, Rumanian, Indonesian, Malay, Thai' 2 setting recordable Single frame, Selected frames/from Indexl Single frame, Selected frames, All Frames, Release protect (Single/All selected) RAW development based on settings of the camera/including Art Filter) Shadow adjustmen, Red-eye fix, Triinming, Monotone, Sepia, Saturation (colour depth), Resize (producing another file, 1280/s60, 640x480, 320x240), e-portrait Up to 3 RAW images Print reservation (DPOP), Direct print (PictBridge compatible) USB 2.0 High Speed for storage and camera control through Multi-connector(MTP mode is available) HOMI(HyO:Sterre Sound), UI0E-OUT(SI)/Mons Sound) Dedicated multi-connector (Video: NTSC)/PAL selectable, Optional Remote cable RM-UC1 is available Min HDMI type-C(1080/720p/576p/480p)
	Shutter speed range IS for Movie Product type Size Total no. of pixels Playback field of view Brighness control Colour balance AF system Focus mode Focusing point Focusing point Focus mode Focusing point Brightminator AF lock Focus facking Manual Focus Assist Metering system	2 - 1/4000 sec. (Net available when Bub is selected) Shifting electronic image (so called Digital IS) HyperCrystal LCD ARJAn: Reflective) coating 30 inches Approx. 230,000 dots 100% Approx. 230,000 dots 100% APprox. 230,000 dots 100% APprox. 230,000 dots 100% APprox. 200,000 do	Reset & custom setting Image Editing Image Overlay Print Input/Output	My mode Erasing function Protect function RAW picture editing JPEG editing Print function PC interface USB/Video connector HDMI Flash attachment DC-in	Others: English, French, German, Spanish, Tellan, Japanese, Korean, Traditional Chinese, Simglifed Chinese, Russian, Caech, Dutch, Danish, Polish, Portugues, Swedish, Norvegian, Finnish, Croat, Slovenian, Hungarian, Greek, Slovakian, Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Serbian, Bulgarian, Rumanian, Indonesian, Malay, Thai" 2 setting recordable Single frame, Silected frames, from Index) Single frame, Silected frames, All Frames, Release protect (Single/All selected) RAW development based on settings of the camera(including Art Filter) Shadow adjustment, Red-eye fix, Timming, Monotone, Sepia, Saturation (colour depth), Resize (producing another file, 1280x980, 640x480, 320x240), e-portrait Up to 3 RAW images Print reservation (DPOF), Direct print (PictBridge compatible) USB 2.0 High Speed for storage and camera control through Multi-connector(MTP mode is available) HOMHIP/Strees Sound). VIDE-OUTISD/Monro Sound) Devicated multi-connector (Video: NTSC/PAL selectable, Optional Remote cable RM-UCI is available) Mini HOMI type-C(1080/720p/S7Bp/480p) Hot shoe
Focusing	Shutter speed range IS for Movie Product type Size Total no. of pixels Ployback field of view Brightness control Colour balance AF system Focus mode Focus mode Focusing point Focusing point Focus mode Focusing point Focus mode Focus reacking Manual Focus Assist Metering system	2 - 1,4000 sec. (Not available when Bub is selected) Shrifting electronic image (so called Digital IS) HyperCrystal LCD AR(Ani: Reflective) coating 3 of inches Approx. 230,000 dots 100% Approx. 230,000 dots 100% A 2 rolevels and -7 levels, G-M: +7 levels and -7 levels Imager Contrast Detection AF system when non High-speed imager AF compatible lens is used, it works as AF assist Single AF (S-AF) / Continuous AF (C-AF) / Manual Focus (MF) / S-AF + MF 11-area multiple AF with the contrast detection system (Auto, selectable in option) Auto from all 11 area, Single area from 11 area, Auto from 25 area when Face detection is ON, Free selecton (from 225 points) when Magnified View Mode is selected" Not available Locked at first position of Shutter button in Single AF mode When rotation of focus ring is detected under S-AF-AMF or MF mode, LV is magnified automatically TTL Image Sensor metering system (1) Digita ESP metering (H3-points multi pattern metering) (2) Center weighted average metering (3) sort metering (H3-points multi pattern metering) (2) Center weighted average metering (3) sort metering approx. 2% for the viewIndred scene	Reset & custom setting Image Editing Image Overlay Print Input/Output	My mode Erasing function Protect function RAW picture editing JPEG editing Print function PC interface TV interface USB/Video connector HDMI Flash attachment DC-in Battery Sleep mode No. of recordable pictures	Others: English, French, German, Spanish, Talian, Japanese, Korean, Traditional Chinese, Simyliad Chinese, Russian, Caech, Durch, Danish, Polish, Portuguees, Swedish, Noread, Slovenian, Hungarian, Greek, Slovakian, Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Serbian, Bulgarian, Rumanian, Indonesian, Malay, Thai" 2 setting recordable Single frame, All, Selected frames, from Index) Single frame, All, Selected frames, All Frames, Release protect (Single/All selected) RMW development based on settings of the camera/cincluding Art Filter) Shadow adjustment, Red-eye fix, Timming, Monotrone, Seraia, Saturation (colour depth), Resize (producing another file, 1280x960, 640x480, 320x240), e-portrait U to 13 RAW images Print reservation (DPOP), Direct print (PictBridge compatible) USB 2.0 High Speed for storage and camera control through Multi-connector(MITP mode is available) HoMHIP/Stress Sound/, VIDE-OUT(SID/Mon Sound) Dedicated multi-connector (Vider: NTSC/PAL selectable, Optional Remote cable RM-UC1 is available) Mini HOMI type-E(1080x/720p/SFb/480p) Hot shoe No ELS-1 Lion battery (Included) Available (1, 1, 5, 10 min, off selectable) Approx.300 shorts
Focusing	Shutter speed range IS for Movie Product type Size Total no. of pixels Playback field of view Brighness control Colour balance AF system Focus mode Focusing point Focusing point Focus mode Focusing point Brightminator AF lock Focus facking Manual Focus Assist Metering system	2 - 1/4000 sec. (Net available when Bub is selected) Shifting electronic image (so called Digital IS) HyperCrystal LCD ARJAm:Reflective) coating 30 inches Approx. 20,000 dots 100% APPROX. 20,000 d	Reset & custom setting Image Editing Image Overlay Print Input/Output	My mode Erasing function Protect function RAW picture editing JPEG editing Print function PC interface TV interface USB/Video connector HDMI Flash attachment DC-in Battery Sleep mode	Others: English, French, German, Spanish, Talian, Japanese, Korean, Traditional Chinese, Simglind Chinese, Russian, Carch, Dutch, Danish, Polish, Pottyauese, Swedish, Norwegian, Finnish, Croat, Slovenian, Hungarian, Greek, Slovakian, Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Serbian, Bulgarian, Rumanian, Indonesian, Malay, Thai" 2 setting recordable Single frame, Selected frames/from Index) Single frame, Selected frames, All Frames, Release protect (Single/All selected) RAW development based on settings of the camera/including Art Filter) Shadow adjustment, Red-eye fix, Trimming, Monotone, Sepia, Saturation (colour depth), Resize (producing another file, 1280-268), 640-480, 320-240), e-portrait Up to 3 RAW images Print reservation (IPOF), Direct print (PictBridge compatible) USS 2.0 High Speed for strage and camera control through Multi-connector(MTP mode is available) HDMI(HV)Stereo Sound), VIDEO-UTISD/Mono Sound) Dedicated multi-comentor (Video: NTSC/PAL selectable, Optional Remote cable RM-UC1 is available Mini HDMI type-Q10800/720p/S76p.4480p) Hot shoe No BLS-1 Li-ion battery (included) Available (1, 3, 5, 10 min, off selectable)
Focusing	Shutter speed range IS for Movie Product type Size Total no. of pixels Playback field of view Brightness control Colour balance AF system Focus mode Focusing point Focusing point selection AF illuminator AF lock Focus tacking Manual Focus Assist Metering system Metering range	2 - 1/4000 sec. (Not available when Bub is selected) Shifting electronic image (so called Digital IS) HyperCrystal LCD ARIAn:Reflective) coating 30 inches Approx. 230,000 dots 100% Approx. 230,000 dots 100% Approx. 230,000 dots 100% APProx. 230,000 dots 100% APProx. 200,000 APPROX. 200,0	Reset & custom setting Image Editing Image Overlay Print Input/Output	My mode Erasing function Protect function RAW picture editing JPEG editing Print function PC interface TV interface USB/Video connector HDMI Flash attachment DC-in Battery Sleep mode No. of recordable pictures	Others: English, French, German, Spanish, Talian, Japanese, Korean, Traditional Chinese, Simyliad Chinese, Russian, Caech, Durch, Danish, Polish, Portuguees, Swedish, Noread, Slovenian, Hungarian, Greek, Slovakian, Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Serbian, Bulgarian, Rumanian, Indonesian, Malay, Thai" 2 setting recordable Single frame, All, Selected frames, from Index) Single frame, All, Selected frames, All Frames, Release protect (Single/All selected) RMW development based on settings of the camera/cincluding Art Filter) Shadow adjustment, Red-eye fix, Timming, Monotrone, Seraia, Saturation (colour depth), Resize (producing another file, 1280x960, 640x480, 320x240), e-portrait U to 13 RAW images Print reservation (DPOP), Direct print (PictBridge compatible) USB 2.0 High Speed for storage and camera control through Multi-connector(MITP mode is available) HoMHIP/Stress Sound/, VIDE-OUT(SID/Mon Sound) Dedicated multi-connector (Vider: NTSC/PAL selectable, Optional Remote cable RM-UC1 is available) Mini HOMI type-E(1080x/720p/SFb/480p) Hot shoe No ELS-1 Lion battery (Included) Available (1, 1, 5, 10 min, off selectable) Approx.300 shorts
Focusing	Shutter speed range IS for Movie Product type Size Total no. of pixels Ployback field of view Brightness control Colour balance AF system Focus mode Focus mode Focusing point Focusing point Focus mode Focusing point Focus mode Focus reacking Manual Focus Assist Metering system	2 - 1,4000 sec. (Not available when Bub is selected) Shifting electronic image (so called Digital IS) HyperCrystal LCD AR(Anti-Reflective) casting 3 0 inches Approx. 230,000 dots 100% - 7 levels and -7 levels. A& -7 levels and -7 levels 7 levels and	Reset & custom setting Image Editing Image Overlay Print Input/Output	My mode Erasing function Protect function RAW picture editing JPEG editing Print function PC interface TV interface USB/Video connector HDMI Flash attachment DC-in Battery Sleep mode No. of recordable pictures (with 55%, flash fight)	Others: English, French, German, Spanish, Tellian, Japanese, Korean, Traditional Chinese, Simglified Otherse, Russian, Carch, Dutch, Danish, Polish, Polisquees, Swedish, Norvegian, Finnish, Croat, Slovenian, Naley, Thai" 2 setting recordable Single frame, All, Selected frames(from Index) Single frame, All, Selected frames(from Index) RNM development based on settings of the camera[cincluting Art Filter] Shadow adjustment, Red-eye fix, Trimming, Monotone, Sepia, Saturation (colour depth), Resize (producing another file, 1280-860, 640-480, 250-240), e-portnat Up to 3 RAW images Print reservation (DPOF), Direct print (PicBridge compatible) USB 20, High Speed for stronge and camera control through Multi-connector(MTP mode is available) Hodit-toro Model Molt Policitater functor (Vicedor, NTSC)/PAL selectable, Optional Remote cable RM-UC1 is available Molt Hoth Pint reservation (DPOF), Direct print (PicBridge compatible) USB 2.0 High Speed for stronge and camera control through Multi-connector(MTP mode is available) How High-Streme Scundl, VIDE-OUTISD/Mons Sound) Decicater Multi-connector (Vicedor, NTSC)/PAL selectable, Optional Remote cable RM-UC1 is available Min HDMI type-QUIBS0//Z0D_/D756//480p) Hot shoe No
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Focusing	Shutter speed range IS for Movie Product type Size Total no. of pixels Playback field of view Brightness control Colour balance AF system Focus mode Focusing point Focusing point selection AF illuminator AF lock Focus tacking Manual Focus Assist Metering system Metering range	2 - 1,4000 sec. (Not available when Bub is selected) Shrifting electronic image (so called Digital IS) HyperCrystal LCD AR(Ani: Reflective) coating 30 inches Approx. 230,000 dots 100% Approx. 230,000 dots 100% Approx. 230,000 dots 100% Approx. 240,000	Reset & custom setting Image Editing Image Overlay Print Input/Output Power Requirements Dimensions/Weight	My mode Erasing function Protect function RAW picture editing JPEG editing Print function PC interface USB//ideo connector HDMI Flash attachment DC-in Battery Sleep mode No. of recordable pictures (with 50% flash light) Power battery holder Dimensions Weight	Others: English, French, German, Spanish, Talian, Japanese, Korean, Traditional Chinese, Simyliah Otherse, Russian, Carek, Dutch, Danish, Polish, Portuguees, Swedish, Noread, Slovenian, Hungarian, Cireek, Slovakian, Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Indenesian, Malay, Thai" 2 setting recordable Single Frame, All, Selected frames(from Index) Single frame, All, Selected frames, All Frames, Release protect (Single/All selected) RMW development based on settings of the camera[cincluding Art Filter] Shady a djustment, Red-eye fit, Timming, Monotrone, Sepia, Situration (colour depth), Resize (producing another file, 1280:960, 640x480, 320x240), e-portrait Up to 3 RAW images Print reservation (DPOF), Direct print (PictBridge compatible) USB 2:0. High Speed for storage and camera control through Multi-connector(MTP mode is available) DMMIH/Dytees Sound). VDE-OUISD/MON Sound) Dedicated multi-connector (Vide: NTSC/PAL selectable, Optional Remote cable RM-UC1 is available) Mol Mol Mol Valor Solo Available Pholiny Type-QL(1080/7200/7576/4408) Horis Hom No RES 1.1-ion battery (included) Available Available
Focusing	Shutter speed range IS for Movie Product type Size Total no. of pixels Playback field of view Brightness control Colour balance AF system Focus mode Focus mode Focusing point selection AF illuminator AF illuminator AF lock Focus assist Metering system Metering range Exposure mode Scene select AE	2 - 1,4000 sec. (Not available when Bub is selected) Shifting electronic image (so called Digital IS) HyperCrystal LCD AR(Anti-Reflective) casting 3 0 inches Approx. 230,000 dots 100% - 7 levels and -7 levels. A& -7 levels and -7 levels 7 levels and	Reset & custom setting Image Editing Image Overlay Print Input/Output Power Requirements	My mode Erasing function Protect function Row picture editing JPEG editing Print function PC interface TV interface USB/Video connector HDMI Flash attachment DC-in Battery Sleep mode No. of recordable pictures (with 5% flash fight) Power battery holder Dimensions Weight t Temperature	Others: English, French, German, Spanish, Talian, Japanese, Korean, Traditional Chinese, Simglified Otherse, Russian, Carch, Dutch, Danish, Polish, Pottyoues, Swedish, Norvegian, Finnish, Croat, Stovenian, Nath, Polish, Pottyoues, Swedish, Norvegian, Finnish, Croat, Stovenian, Indonesian, Malay, Thai" 2 setting recordable Single frame, All-Selected frames/from Index) Single frame, All-Selected frames/from Index) Single frame, All-Selected frames, All Frames, Release protect (Single/All selected) RAW development based on settings of the camera[cnluding Art Filter] Shadow adjustment, Rel-eye fix, Trimming, Monotone, Sepia, Saturation (colour depth), Resize (producing another file, 1280-866, 460-4469, 320-240), e-portrait Up to 3 RAW images Print reservation (IDPOF, Direct print (PictBridge compatible) USB 2.0. High Speed for strange and camera control through Multi-connector/MTP mode is available HOM/HIV/Stere Osting/V2Dp/576p/480p) Hot at base Hot at base Sold BS:1 Li-ion battery (included) Available Approx 300 shots Work 2.5, 10 min, off selectable More 2.7 (H) x 1.38" (D) (excluding protrusions) 335g (body only) O-40°c (operation) / -20-60°c (storage)
Focusing	Shutter speed range IS for Movie Product type Size Total no. of pixels Total no. of pixels Playback field of view Brightness control Colour balance AF system Focus mode Focusing point Focusing point selection AF illuminator AF lock Focus Assist Metering system Metering range Exposure mode	2 - 1/4000 sec. (Net available when Bub is selected) Shifting electronic image (so called Digital IS) HyperCrystal LCD ARJAnt-Reflective) casting 30 inches Approx. 230,000 dots 100% Approx. 230,000 dots 100% Approx. 230,000 dots 100% A-8 - 7 levels and -7 levels and -7 levels A-8 - 7 levels A-8 - 7 levels and -7 levels A-8 - 7 lev	Reset & custom setting Image Editing Print Input/Output Power Requirements Dimensions/Weight Operating Environmen	My mode Erasing function Protect function RAW picture editing JPEG editing Print function PC interface USB//ideo connector HDMI Flash attachment DC-in Battery Sleep mode No. of recordable pictures (with 50% flash light) Power battery holder Dimensions Weight	Others: English, French, German, Spanish, Talian, Japanese, Korean, Traditional Chinese, Simplified Otherse, Rusian, Cach, Dutch, Danish, Polish, Pottyoues, Swedish, Norvegian, Finnish, Croat, Slovenian, Nath, Polish, Pottyoues, Swedish, Norvegian, Finnish, Croat, Slovenian, Indonesian, Malay, Thai" Setting recordable Setting recordable Single frame, Selected frames, All Frames, Release protect (Single/All selected) Release Protect (Single/All selected) RAW development based on settings of the camera/including Art Filter) Shadov adjustment, Rel-eye IK, Tirimming, Monotone, Sepia, Saturation (colour depth), Resize (producing another file, 1280:d60, 640:480, 320:240), e-portrait Up to 3 RAW images Print reservation (DPOF), Direct print (PictBridge compatible) USS 2.0 High Speed for storage and camera control through Multi-connector/IMTP mode is available Hori HDM/ type-Q10800/720p/576p/480p) Hot shoe No ELS-1 Li-ion battery (included) Available (1, 1, 5, 10 min, off selectable) Approx. 300 shots Writh SL-3 ran Toolsho Class 6 SDHC 4GB card under CIPA testing standard] Not Available 4.74' (W) x 2.75' (H) x 1.38'' (D)(excluding protrusions) 355g (Lody only) -4-0*c: (storage) 30-90% (storage)
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White balance bracketing 3 frames in 2, 4, 6 steps selectable in each A-B/G-M axis.

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